



DKØEE

SISTER
CLUB

the CARRIER.....

Published Monthly by the Mount Diablo Amateur Radio Club

MDARC FIELD DAY CALL W6CX 2M REPEATER W6CX/R 220 REPEATER W6CX/R MEMORIAL CALL SIGN W6LGW
Volume XXXII March 1984 Issue No. 3

CLUB CALENDAR

MARCH 16 General Club Meeting 8 PM
MARCH 17 St. Patrick's Day
MARCH 19 MDARC Board Meeting 8 PM
MARCH 20 First day of Spring
MARCH 28 RRRG Meeting at the church
APRIL 8 Run for Daylight American
Cancer Society, Alamo
APRIL 14? Mt. Diablo Trail Ride
APRIL 21 Emergency Services Seminar
More info inside

Meeting Notice

This month's meeting will be held at
the Grace Presbyterian Church
2100 Tice Valley Blvd.,
Walnut Creek

The March 16 MDARC Meeting will be devoted to preparation for Field Day. Guy Corynen, Field Day Chairman, plans to lead a discussion of operating plans, line up teams, and sign up members for various aspects of the activity.

Let's all take an active part in one of the greatest activities of the year.

Nets

"Ya all check in now ya hear!"
Tech Forum/Swap NET
Thursdays 7:30 P.M. 147.66/06
Emergency NET is 146.43 Simplex 7:P.M.
then QSY to 7.735 after roll call Thurs.
Parky NET
Every Night 3895 +/- QRM 10 P.M.
NTS/MCN 3630 KHZ 7 PM daily
slow speed session 8:30 P.M.
MCN/VHF 145.41 MHZ, W6EUZ/R
CCRA NET Mon. 7:35 P.M. 147.735

MDARC AUCTION

May 18, at Grace Presbyterian Church

THINK QUALITY - BRING QUALITY

More details next month

John WA6SWO

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DEADLINE FOR THE NEXT ISSUE: Articles, Classified Ads, etc. by March 29, 1984

Next Board Meeting at: 3700 Mt. Diablo Blvd. Laf. Suite 200 March 19, 1984

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MDARC General Meeting

So far as I can judge the lecture of Radio Astronomy, interstellar molecules and interstellar communication by Dr. David Cudaback of the U.C. Berkeley Astronomy department was enjoyed by the members who were at the February meeting. We are grateful to Dr. Cudaback for making time in an extremely busy schedule to address the Club as well as for a most informative talk.

73 Joe WA6DQN

CALL FOR CAMPERS

Attention! A camping trip is in the works for the month of April. Don "Smokey Bear" Bertrand N6EEQ will be our ace path finder. All those interested should contact Don by telephone the week of March 19th or after. Don plans a get acquainted meeting at his QTH after he has a list of members who would like to go. Get your call on that list!

Thanks Don N6EEQ

RACES/ARES

We are fortunate since there have been no serious emergencies requiring our assistance in recent weeks. However we must not let ourselves become complacent and forget why we have an Amateur Radio Service.With this in mind, an all-day seminar is being planned to demonstrate, review, teach and discuss our emergency communications procedures.

I mentioned this to the members attending our February MDARC meeting and spoke of a date in May, a Saturday, all day at the Concord Police Academy. There has been a change of date since the facility will not be available in May.

Our new date, which has been confirmed, is Saturday, April 21, 1984 and the place is still the Concord P.D. Academy which provides for both classrooms and excellent picnic/barbecue setting for lunch, if desired. Plans are going ahead and I will provide more details later. Every member is welcome.

The more operators participating the better.

73 HANK W6ZHY

HAM RADIO OPERATORS IN GRENADA.....

Joe William Miller, K4MM of Fairfax, Virginia, about 20 miles from Washington, D.C., was on the air with his 20 year old radio equipment when United States armed forces invaded Grenada late last year and this was only two days after a terrorist wheeled a truck loaded with explosives into a Marine barracks in Beirut, Lebanon killing 256.

The 64 year old Miller and a few other hams were the only links to Americans waiting to be rescued at the St. George's Medical School in Grenada.

For about 40 hours, student Mark Barettella, KA2ORK kept abreast of the invasion with information from Miller and the State Department which used Miller's radio to evaluate the very precarious situation and follow the progress of the evacuation. The student often talked with Miller while operating from under a table as American troops attacked the Grenadian insurgents with tremendous firepower including missiles launched from helicopters.

The Federal Communications Commission designated frequencies outside the normal range for about 10 ham operators including Miller who is one of the State Department's "favorites", as he has one of the most powerful radio transmitters on the East Coast.

Miller kept relaying messages to the State Department while one ham operator in Miami served as a control center for anxious parents of medical students and allayed their concern with relayed messages to the temporary inhabitants of the tiny island "paradise" in the Caribbean.

Who said amateur radio is only a hobby?

Thanks Clay WD6GDG

TEN YEAR LICENSE TERMS

Reminder...New Amateur licenses will be issued with an expiration date 10 years from the date of issuance. Five year licenses when up for renewal will be given an expiration date 10 yrs from the date of renewal. The grace period (during which you cannot operate) has been extended to 2 years.

Thanks Parky K6IMV

The President's Corner....

The following club activities cannot be carried on for lack of people volunteering to be responsible for them:

1. Door prizes at meetings;
2. Coffee at meetings;
3. Public relations (getting out press releases of our activities;
4. Secretarial functions, such as reducing rough minutes to smooth for publication in the Carrier;

Enough Said?

The "Towering Dilemma" of Clayton

Bob St. Germaine, VE2AQS/6, had been on assignment for his employer in Peru for five years. He moved back to the U. S., and is headquartered now in San Ramon.

He has long been active on HF, both in North and South America. His activities have included handling traffic for missionaries working in Central and South America, and major participation in disaster relief communications during the Guatemalan earthquake of February, 1976. As well as english, he speaks fluent spanish and has left behind many friends in Latin America.

When he began to look for a home to buy he knew that he wanted a place where there were no regulations on the erection of antennas sufficient for him to maintain his contacts in Latin America. He looked around the area in San Ramon close to his place of employment, but development there is dense and antennas prohibited. He finally found a small development in Clayton, on two acre lots, with no restrictions in the CC&R's. He checked with the city government of Clayton, and found that antennas and towers didn't even require a building permit. In July, 1983, he purchased a home there, and moved in.

Plans were made for the erection of an eighty foot tower sufficient to carry a shortened 40 meter beam and a Tribander. The base and guy anchors were poured. Before the tower was actually put up, the Clayton planning department sent around a staff person, who looked over the base structure and the placement of the tower on the lot, not only raised no objection, but complemented Bob on placing the tower away from the house and slightly down slope so it was not so visible from the street.

One of his next door neighbors, a former navy operator, took delivery of the tower in his absence, and has expressed interest in getting an amateur license. The tower was actually put up over the weekend of February 4th. No mention whatsoever concerning the tower has ever been made directly to Bob by any of his neighbors.

On February 18, a reporter from the Contra Costa Times showed up at Bob's house to get the story of the complaints about Clayton's Towering Dilemma. It appeared in the Wednesday times, complete with a front page color picture. During this time, the City Manager of Clayton reviewed the matter and referred it to the Planning Commission, "... feel[ing] that the tower erected at (Bob's) may constitute a violation of the City's nuisance ordinance, ...". The matter was introduced as new business at the Planning Commission's February 28 meeting, and it was determined, on a 3 to 1 vote, that a public hearing should be held to make findings whether the tower is, indeed, a nuisance.

The Planning Commission meeting was attended by Joe Campbell, KD6DY, Art Mayoff, VE2AQV/6, the Carrier Editor, Doug Smith, WA6GON, three or four other amateurs whose names and calls I didn't write down, and Bob and myself. Except for us, all of these people came of their own accord. It was gratifying to have the interest, and, I think, valuable in showing the Planning Commission that this was not just one person with a special interest trying to impose on his neighbors.

Discussions are ongoing about the best way to present our case to the Planning Commission to see to it that Bob continues to enjoy the right to keep the tower and to enjoy his property as he intended. Bob's situation is perhaps the best test case I have seen, both because the City had no prior regulation, and because Bob's intent in selecting the house he bought was very clear, and the location was valuable to him precisely because there were no restrictions.

It seems clear that one of the consequences of this incident will be tower ordinances in communities where they do not yet exist. I hope that the club will take an active role in helping cities to draft ordinances which we can live with, as was done in Walnut Creek. You should find out what the rules are in your city, and how you can go about helping to keep them reasonable.

The Editor's Space



C-26 NEWS

C-26 is looking for OSCAR 10 locator software in the CPM software format. If anyone can help please write Mitch, DJØQN (WA6GSN). If you would like to exchange computer programs with C-26 (many use TI-99, or CPM) write DL6MG, Toni and he'll connect you with a C-26 ham that is interested. C-26 is very interested in computers. They have 2 regular meetings per month - 1 is entirely dedicated to using the club computer! C-26 is hot on computers, and it will only cost the price of a stamp to exchange ideas.

OTHER NEWS... The club station in the basement of the Unterschleissheim elementary school has new wood paneling on the walls to dress the place up... Mitch DJØQN and wife Waltrand decided on a name for their 2nd harmonic after a hot debate. Son #2 is Benjamin Samuel Wolfson... C-26 club elections are next month... members of C-26 are getting together every Sunday morning informal fellowship, part part of a Bavarian tradition known as Fruehschoppen. It is a custom to gather with friends on Sunday and talk, over a Bavarian brew... C-26 will soon be on the air with packet radio! Does MDARC have anyone on packet yet?... Annemarie and Alfred, DJØGM still think of us, fondly, I'm told by Mitch. They are doing well. Alfred has a new job with another firm. I hope he can make it to the USA again soon!... KA6B, Hank is planning a whirlwing trip to Europe, He'll be in Munich for 1 day and will make arrangements to visit C-26. (But really Hank! Europe in two weeks?)... C-26 plans a camping trip/ham expedition in May. (Maybe we'll finally work each other on Field Day, Hi)

'73 WA6GON
DJØQN

Deadline Announcement

For your convenience, CARRIER deadlines through JUNE 1984 are the following:

MAR 29 APR 26 May 31 JUNE 28

CQ C-26 DARC

Remember the first contact between an MDARC ham and a C-26 ham in Munich will be recognized with a handsome award.

Now I realize working Europe hasn't been easy of late, but it can be done. Toni, DL6MG tells DJØQN he works a ham in California a couple times a month. SO - Let's give it a go! Keep in mind these frequencies as a starting point for the C-26 hunt.

10 M Cw 28.325

SSB 28.580

US-CW/DL-SSB 28.325

15 M CW 21.050

SSB 21.325

20 M CW 14.050

SSB 14.280

Prime Time (Guide lines)

20 M SAT & SUN AM (UTC)

FRI & SAT PM (Pacific)

or check band for best openings

15 M SAT & SUN PM (UTC)

SAT & SUN AM (Pacific)

(Try sunrise to noon)

Here are addresses that will come in handy if you want to write C-26:

CLUB ADDRESS

DARC ORTSVERBAND ECHING C-26
POST BOX 46-06-42
8000 MÜNCHEN 46
FEDERAL REPUBLIC OF GERMANY

ALFRED ARTNER, DJØGM/ANNEMARIE FÖDERL
WEITSTRASSE 147
8000 MÜNCHEN 50
F.R.G.
TEL: 011-49-89-314-3200

MITCHELL WOLFSON, DJØQN
FURTWEG 18d
8044 UNTERSCHLEISSHEIM
F.R.G.
TEL: 011-49-89-310-7660

TONI REINDL DL6MG
5 BAHNSTR.
D-8044 UNTERSCHLEISSHEIM
F.R.G.

Dits & Bits / W5YI Report

ANOTHER HAM SPACE MISSION PLANNED....

While all this is a little premature, another "ham-in-space" operation appears to be in the planning stage. Astronaut Anthony W. ("Tony") England, WØORE, is planning to take a hand-held amateur radio transceiver with him on his upcoming Spacelab Mission tentatively scheduled for March 1985. It will probably be the same one that Owen Garriott took during STS-9. The Spring '85 mission is dubbed "51S" as NASA no longer uses the "STS" nomenclature.

Dr. Tony England recently got together with Astronaut Owen Garriott, W5LFL, and they jointly decided that any amateur operation aboard 51S should be "experiment oriented." They have asked the ARRL and AMSAT (Amateur Satellite Corporation) to propose some VHF radio experiments that Tony could participate in while in space.

Readers of this newsletter are also invited to submit experiments that might be accomplished during the Spacelab mission. Both Tony and Owen will evaluate the experiments and will work with the ham on the proposed experiment.

The upcoming Spacelab mission will be a little different than the previous Garriott/W5LFL operation in that the astronauts will conduct their experiments from the crew compartment rather than the Spacelab module which fits in the cargo bay.

If you have any ideas for VHF experiment - particularly one that you can participate in yourself - send them to: Johnson Space Center Amateur Radio Club; ATTN: Dick Fenner W5AVI; Houston, Texas 77058. (No street address is required since the ham club has a special mailbox at 77058 - the Johnson Space Center special zip code.) It was Fenner that wrote the original 2-meter hand held radio specifications for NASA. These specs were used by Motorola when building the ham transceiver that was carried aboard STS-9.

BURTON GOES TO PRISON As mentioned in our last issue, Richard Burton ExWB6JAC, was sentenced to 18 months in federal prison for continued amateur operation after being stripped of his license. Burton was recently transferred from the Terminal Island holding facility in shackles and chains to another prison. Many believe the sentence too severe for operating ham radio without a license.

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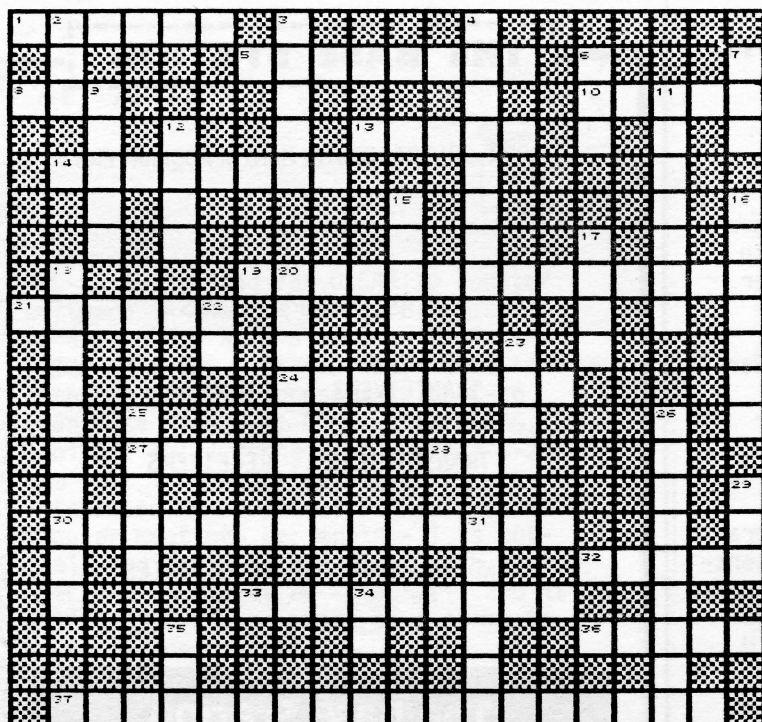
The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685-7388

CBer, R.G. Church of Richmond, Virginia, recently paid a \$1,000 fine for unlicensed operation on a frequency outside the authorized Citizens Band channels. It marks the first major "forfeiture" assessed a CB radio operator since the service was delicensed last year. CB operators, in effect, are licensed in that they operate under a new "blanket authority" and are considered unlicensed when operating with a modified or non-type accepted CB set, when operating with excessive power, when operating out-of-the-band or when causing interference to a third party while using excessive power. The penalties for these violations were dramatically increased when individual licenses were eliminated.

Important Reminder! The next FCC administered Amateur Radio examinations are scheduled for the period May & through May 11, 1984 but your application (FCC Form 610 must be received by the appropriate FCC Field Office by April 15th! FCC examinations are now given by appointment only. Applications can be obtained from the various FCC Field Offices.



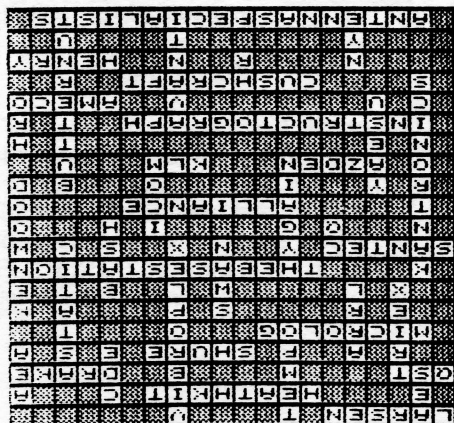
HAM SUPPLIERS #1

ACROSS CLUES

1. LM150
5. SB104
8. LEAGUE PUBLICATION
10. R4C
13. 444D
14. AVR-2 VIDEO DISPLAY TERMINAL
19. FRIENDLIEST HAM STORE IN CONTRA COSTA (THREE WORDS)
21. ST144UP
24. HD73
27. PCS300
28. KT34XA
30. FIRST MORSE CODE TRAINER; FOUNDED IN THE TWENTIES
32. PT2
33. ARX2B
36. MAKER OF THE TEMPO
37. BOUGHT OUT THE COMPANY THAT MAKES THE "ON THE GLASS" ANTENNA

DOWN CLUES

2. LARGE MAIL ORDER SUPPLIER IN MILWAUKEE (ABBREVIATION)
3. S15T
4. INVENTED THE SPEED KEY IN 1890
6. T2X (ABBREVIATION)
7. MORSEMATIC IS ITS TRADEMARK (ABBREVIATION)
9. W51
11. D104
12. LICENSE MANUAL
15. 350
16. TS430
17. TEST ANSWERS
18. INTERFACE
20. TH6DX
22. FIRST HAM MAGAZINE WAYNE GREEN WORKED FOR
23. IC740
25. FT1
26. NO RADIAL VERTICAL
29. 5 STORES (ABBREVIATION)
31. ON THE GLASS
34. BIWEEKLY NEWS REPORT
35. BOUGHT OUT JOHNSON



Public Service

MOUNT DIABLO AMATEUR RADIO CLUB
TENTATIVE PUBLIC SERVICE CALENDAR 1984

SATURDAY, JANUARY 7
Hike to Help. United Cerebral Palsey,
Pleasant Hill and Concord

SUNDAY APRIL 8
Run for Daylight. American Cancer
Society, Alamo

SATURDAY, APRIL 14?
Mt. Diablo Trail Ride. Horsemen's
Association, Clayton

SUNDAY APRIL 29
Walk America. March of Dimes.
Pleasant Hill - Concord?

SATURDAY, APRIL 28/MAY 5?
Human Race. Volunteers Bureau
C.C.Co. Lafayette?

SUNDAY, MAY 6
Mt. Diablo Heritage Endurance Trail
Ride. Walnut Creek

SUNDAY MAY 6
Devil Mountain Run. (Hospitals)
Danville

SATURDAY LATE MAY?
Clayton Valley Run. We Care Day
Center. Concord

SATURDAY LATE MAY?
BART-TO-BART run, Concord Rotary
Club. Concord BART

SATURDAY, JUNE 2
Ride for Research. Danville Jr.
Horsemen, Alamo - Mt. Diablo

SATURDAY-SUNDAY JUNE 2-3
Safe Boating Display. Diablo Power
Squadron Concord (Portable Sta)

SATURDAY-SUNDAY SEPTEMBER 1-2
Labor Day Trail Ride, Mt. Diablo

THURSDAY-SUNDAY SEPTEMBER 13-16
Walnut Festival, MDARC booth and
Station many needed

SUNDAY SEPTEMBER 16
Walnut Festival 10km footrace,
Heather Farms Park

? LATE SEPTEMBER
Devil Mt. Cyclists Bike Rides. County

SATURDAY OCTOBER 6?
Concord-Pleasant Hill Band Review
Concord

? LATE OCTOBER
John Muir Run. Walnut Creek Lions Club

Ham Radio Outlet

2811 Telegraph Ave.
Oakland, CA 94609
(415) 451-5757

999 Howard Ave.
Burlingame, CA 94010
(415) 342-5757

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Affiliated with the American Red Cross

The Mount Diablo Amateur Radio Club
wishes Merie, YL of Claude MacKay,
WB6LMY a speedy recovery.